

COMPOUNDS WITH IMPROVED INDUCTIVE EFFECT ON CARTILAGE AND BONES

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Cited documents:

WO9504819
US4596574
US4681763
DE3810803

Abstract of WO9821972

Disclosed is a bioactive implant material with inductive effect on cartilage and bones, comprising two components, A and B. A is either a protein of a mixture of proteins with inductive effect on cartilage and/or bones, or preferably one or more proteins from the TGF- beta superfamily, especially MP52, or a DNA sequence coding for it, and B is a ceramic matrix from calcium phosphate characterized by an interconnecting microporosity and having an inductive effect on bones. Also disclosed are the method for preparing such compounds and their application for treating diseases affecting the cartilage and/or bones and for treating developmental malformation of chondral and/or bony tissues.

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